



Service Bulletin

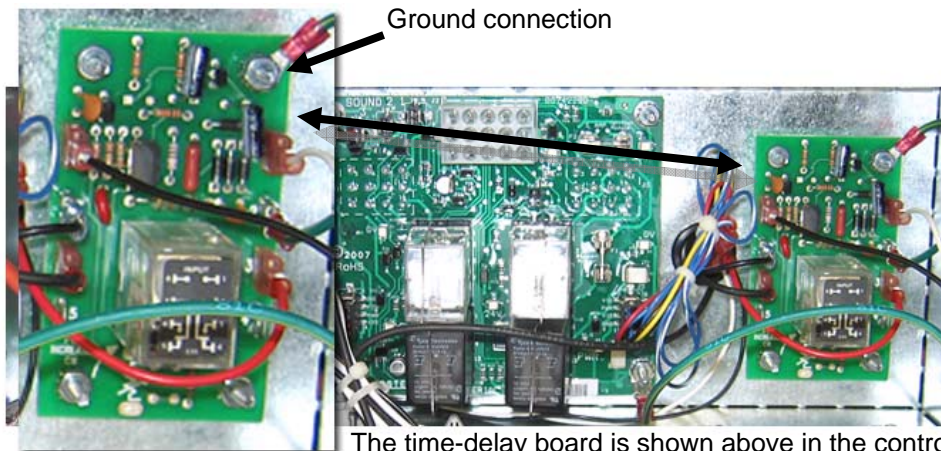
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Bulletin 2011-4-ABDE

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Date: 4/25/2011

SUBJECT: Failure to Heat Problems in LOV Gas Fryers



The time-delay board is shown above in the control box (right) and as inset (left above).

Failure to heat problems in a LOV gas fryer can be associated with a bad ground on a time-delay board, part of a system that checks for oil returning to the vat after an automated filter cycle and provides voltage to the gas valve.

The usual symptom is the vat cools and the computer doesn't call for heat. The heat light does not illuminate; there is no alarm. The failure is associated with the loose ground attachment on the right corner of the time delay board, (807-4934, 230V) (807-4812, 120V) located in the control box behind the computer (see above).

In fryers that fail to heat, ensure the ground wire is firmly seated. Follow these steps to ensure a secure ground:

- Remove the nut securing the ground ring terminal.
- Remove the ring terminal from the mounting stud.
- Replace the nut on the stud and tighten.
- Place the ring terminal atop this nut.
- Tighten a second nut atop the ground ring terminal.
- Remove the nut, if necessary, from the diagonally opposite corner of the board to serve as the second nut.

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